CLAIM SET

1. (Previously Presented) A special reproducing method for specially reproducing sound by using an information reproducing apparatus for reading out data from a recording medium having audio data and video data, wherein the audio data read out from a recording medium during n-speed reproducing, where n is a positive number greater than 1, is converted into text data by sound recognition, and the characters representing text data are displayed superimposed on specially reproduced images, wherein contents of the sound which are recorded on the recording medium for n seconds are displayed during 1 second of the specially reproduced images.

2. (Original) The method of claim 1, wherein, during special reproduction performed at n-speed (n is a positive real number larger than 1), the contents of sound for n-seconds recorded on the recording medium are displayed for one second.

3. (Previously Presented) An information reproducing apparatus for reading out data from a recording medium having audio data and video data, wherein the audio data read out from a recording medium during n-speed reproducing, where

n is a positive real number greater than 1, is converted into text data by sound recognition, and the characters representing text data are displayed superimposed on specially reproduced images displayed in a display device, wherein contents of the sound which are recorded on the recording medium for n seconds are displayed during 1 second of the specially reproduced images.

4. (Original) The apparatus of claim 3, wherein the information reproducing apparatus comprises:

reading means for reading out audio data and video data from a recording medium;

display means for displaying reproduced images based on video data on the display device;

a conversion means for converting audio data into text data by sound recognition, and displaying the characters representing text data, being overlapped with the reproduced images; and

a control means for instructing the reading means, display means, and conversion means to perform a special reproduction according to the request for special reproduction from the outside.

5. (Original) The apparatus of claim 3, wherein, during special reproduction performed at n-speed (n is a positive real number larger than 1), the contents of

sound for n-seconds recorded on the recording medium are displayed for one second.

6. (Previously Presented) An information reproducing apparatus for reading out data from a recording medium having audio data and video data, comprising:

a system controller for controlling a reproducing speed of the recording medium;

MPEG audio and video decoders for decoding audio data and video data;

an image signal processing circuit for performing a signal processing for n-speed producing, where n is a positive real number greater than 1, with respect to decoded video data;

a sound recognition text conversion circuit for converting decoded audio data into text data by sound recognition; and

an on-screen character processor for generating video signals displayed by superimposing the characters representing text data with the NTSC reproduced images,

wherein, during special reproduction performed at n-speed, the contents of audio data for n-seconds recorded on the recording medium are displayed for 1 second.

7. (Previously Presented) An information reproducing apparatus for reading out data from a recording medium having audio data and video data, comprising:

a system controller for controlling a reproducing speed of the recording medium;

MPEG audio and video decoders for decoding audio data and video data;

an image signal processing circuit for performing a signal processing for n-speed producing, where n is a positive real number greater than 1, with respect to decoded video data;

a sound recognition text conversion circuit for converting decoded audio data into text data by sound recognition; wherein the sound recognition text conversion circuit comprises:

a data analysis processing unit for analyzing the audio data according to speed change information from the system controller and for improving the accuracy of sound recognition by suppressing unnecessary noise;

a data table for registering the text data and the corresponding audio data; and

a data conversion processing unit for integrating the timing of the audio data from the data analysis processing unit with the timing of the audio data from the data table, and searching audio data from the data table nearest to the audio

data from the data analysis processing unit by comparing each audio data and receiving the text data corresponding to the audio data from the data table; and

an on-screen character processor for generating video signals displayed by superimposing the characters representing text data with the NTSC reproduced images,

wherein, during special reproduction performed at n-speed, the contents of audio data for n-seconds recorded on the recording medium are displayed for 1 second.